

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-06 09:06:31

Date of Next Testing: 2027-07-27 09:06:31

Product Name: **Formaldehyde solution**

CAS Number: 50-00-0

Specifications & Purity: ACS, 37 wt. % in H₂O, contains 10-15% Methanol as stabilizer

Lot #: H2504103

SKU #: **F111936**

Version: **2**

Analysis #: **527788**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Ignition Residue(Ash)	0-0.005 (%)	0.00000 %
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Assay(HCHO)(Titration by H ₂ SO ₄)	36.5-38 (%)	37.70000 %
Titration Acid	0-6 (meq/kg)	3.25000 meq/kg
Chloride (Cl ⁻)	0-5 (ppm)	5.00000 ppm
Sulfate(SO ₄ ²⁻)	0-0.002 (%)	0.00000 %
Appearance (F111936)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Stabilizer (10% - 15% Methanol)	Conforms	Conforms
Solvent(H ₂ O & Methanol)	Conform	Conform



John Su
QA & QC Manager